

**A
publication
of the
Arizona
Department
of
Education,
Career and
Technical
Education
Division**



Tom Horne
Superintendent of
Public Instruction

**Inside....
Announcements
Curriculum Report
Professional Development
Hospitality Institute
ACTE of AZ Summer
Conference
NETSAVE**

**ARIZONA
CTE**

SPRING 2002-2003

Update

Tech Prep 101: On Track For College

by Dennis Fiscus

Articulation—the way in which different parts are joined together.
New Webster's Dictionary and Thesaurus

“Vocational Education” has not always been considered a fast track to college. But over the past 11 years, Tech Prep has been diligently working to change that perception. Through a process called articulation, Tech Prep links career and technical education in high schools to occupational degrees and certificates offered at local community colleges. The articulation process streamlines the secondary/post-secondary program by eliminating duplication of coursework and smoothing the transition from high school to college.

In an articulated Tech Prep program, students prepare for their futures through a coherent sequence of courses that includes both technical and academic instruction. Beginning with the basics of technology, students build their skills one step at a time and are well prepared to enter the workforce upon completion of their college degree or certificate program. Students enrolled in Tech Prep programs save time and money because they are not required to repeat technical courses in college that were successfully

completed in high school, and many earn several credits toward their college degree or certificate before they graduate from high school.

Course instructors are another critical link in the articulation process. Tech Prep provides professional development for educators ranging from teaching strategies such as integrated academics and contextual learning to training on preparing students for the workplace. Tech Prep also facilitates communication among secondary and post-secondary educators so that high school courses offering college credit provide the same rigor found in the equivalent college course and therefore better prepare the student for success in the post-secondary portion of the program.

For more information on making your program a fast track to college through Tech Prep, contact the local Tech Prep director in your area or visit the Arizona Tech Prep website at www.aztechprep.org for a complete listing of Tech Prep contacts around the state.

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Contact Information

Arizona Department of Education

Main Switchboard (602) 542-5393
8:00am to 5:00pm Monday-Friday
<http://www.ade.az.gov>

Career and Technical Education Division

Milt Ericksen, Director
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Serving CTE programs and CTE Student Organizations
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Serving schools and districts with systemwide improvement initiatives
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Workforce Development Team

Serving schools, districts, and community partners
Michael French, Manager (602) 542-5142
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Announcements...

NEW CTE STAFF MEMBERS

Please welcome two new staff members to the CTE Division's Program Improvement Team.

Penny Legge, who joined the Team in March, is the new Accountability Specialist. She will work with Marilee Johnson handling secondary data collection, Performance Measures, and data reporting to ADE.

Maureen Laupp has just been promoted to the position of Postsecondary Research Specialist. She will work with postsecondary Tech Prep, data collection, Performance Measures, and data reporting. They can be reached at:

Penny Legge
(602) 364-0322
plegge@ade.az.gov

Maureen Laupp
(602) 364-1910
mlaupp@ade.az.gov

Arizona Career Resource Network (AzCRN)

The CTE Division is proud to announce that our new Arizona Career Information System, AzCIS, is now available to all schools! AzCRN has purchased a state operating license for 2002/2003 which allows students, teachers, counselors, parents, and non-profit/public agencies to use the system free of charge. AzCIS is available on Windows, Macintosh and the Internet. For more information about the system and the AzCIS Registration form, go to the AzCRN website link: www.ade.az.gov/cte/azcrn/counselor.asp or contact:

Susan Mellegard, AzCRN Director
(602) 542-5353
smelleg@ade.az.gov

State Supervisors

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CTSO Specialists

DECA: Oleg Shvets (602) 542-5354
FBLA: Betty Essex (602) 542-5350
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FFA: Tyler Grandil (602) 542-5564
SkillsUSA-VICA: Scott Soldat (602) 542-5565

CTE Curriculum Framework Update - April 2003

The CTE Adaptation/Adoption Curriculum Framework Process continues this year. We highly encourage you to contact the program area State Supervisor for upcoming workshop information regarding the curriculum framework rollouts, as well as what will be offered at the ACTE of AZ Summer Conference (see page 9 for more details.). The following list provides program specific curriculum information.

LEVEL III PROGRAMS

Programs completed and on the TechPrep website

- Automotive Technologies
- Business Management and Administrative services
- Business Information Technology Services
- Hospitality Management
- Precision Metal Working

Programs completed and on the TechPrep website Summer 2003

- Allied Health Services
- Education Professions
- Financial Services
- Law, Public Safety and Security
- Marketing, Management, and Entrepreneurship

Programs in process

- Construction Technology
(merged Carpentry, Building Trades, and Building Maintenance)
- Electronics Technology
- Graphic and Visual Communications

LEVEL II PROGRAMS

Programs completed and on the TechPrep website Summer 2003

- Life Connections (formerly Human Services)
- Business Management Technology

Programs in process

- Industrial Technology
- Information Technology

The ACTE of AZ Summer Conference will provide curriculum “roll-outs” that offer an opportunity to receive a hard copy of the new framework as well as structured time spent getting to know the components that are included as tools for these programs (more information on page 9.) Roll-outs featured at the conference will include:

- Construction Technology
- Education Professions
- Electronics Technology
- Financial Services
- Graphic and Visual Communications
- Precision Metal Working

Frequently Asked Questions

How does the Adaptation/Adoption Curriculum Framework Process work?

1. A project director(s) is awarded the project through a Request for Quotation Process. Note: Current project descriptions are available on the ADE website at www.ade.az.gov/procurement.
2. A design team is selected with a significant majority represented by industry.
3. The project director(s) identifies national skill standards, local and national industry-recognized assessment/certificates, as well as researches nationally recognized CTE programs in order to complete the adaptation/adoption of appropriate competencies/indicators.
4. All curriculum framework components are evaluated by the design team members.

Note: Completed CTE programs will remain in a continuous improvement stage as the process is improved, resources are developed, educators provide feedback, and industry revalidates the competencies and assessments.

How can I obtain information about completed CTE curriculum framework packages?

1. To download materials go to the TechPrep website www.aztechprep.org
2. Contact the program area State Supervisor.
3. Contact the CTE Curriculum Specialist, Paulett Ellis at (602) 542-5660 or pellis@ade.az.gov, to obtain a printed copy of the curriculum or the name of the appropriate State Supervisor.
4. Attend program specific-workshops that may be provided through ADE professional development activities.

Technology in Record Keeping

April 25, 2003

Tucson, UofA
8:00 a.m. to 12:00 p.m.
Fee: None

This three-part workshop series introduces teachers to the new Electronic Arizona Record Book and Portfolio system. This workshop also includes transferring records to State forms and award applications.

Contact:
James Perey, U of A
(520) 621-7172
jperey@ag.arizona.edu

Entrepreneurship in the U. S. Economy

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May 2, 2003

Fiesta Inn, Tempe
\$40/ABEA attendees
\$75/non-ABEA attendees

The Arizona Council on Economic Education presents "Expanding Economics Knowledge through Business and Entrepreneurship." During this daylong workshop, demonstrations will abound while business owners describe how to measure productivity, and teachers present their strategies for delivering unique entrepreneurship programs. Participants will receive the **Entrepreneurship in the U. S. Economy** curriculum and student activities. All teachers are welcome to participate.

Contact:
Dr. Jerry R. Cox, NAU
(800) 522-2283 or
(928) 523-2190

Professional Development Activities

Arizona Business Education Association Spring Conference

May 2-3, 2003

Fiesta Inn, Tempe

Fee: \$125

***PLEASE NOTE: The 02/03 Winter CTE Update listed an incorrect registration fee of \$30 for this event.**

This conference features two days of innovative and solutions-oriented learning opportunities including: computer workshops, curriculum sharing, educational tours of local businesses, concurrent sessions, general sessions, and awards sessions. Trade show exhibits will feature the latest in business education resources and a silent auction will offer unique and practical items up for bid. Additional conference information and a registration form are available at www.azbea.org

Contact:

Dr. Janet Gandy, ADE
(602) 542-5046
jgandy@ade.az.gov

Secrets of Exceptional Speaking

May 14, 2003

Tucson, U of A
8:30 a.m. to 5:00 p.m.
Fee: \$50.00

This workshop (presented by Hendrie Communications) is designed to help Agricultural educators develop and reinforce skills in the area of public speaking. The skills developed during this workshop are directly transferable to classroom instruction.

Contact:

James Perey, U of A
(520) 621-7172
jperey@ag.arizona.edu

Automotive Education 2003 Update

May 27, 28, 29, 30, and 31, 2003

Manufacturer's training facilities in the metro Phoenix area
8:00 a.m. – 3:00 p.m.

Fee: 1 day-\$40; 2 days-\$70; 3 days-\$100;
4 days-\$120; 5 days-\$135

Automotive Technology instructors, join your colleagues for a look at new products and systems of the world's largest automakers: Ford, Toyota, Nissan, General Motors, and DaimlerChrysler. At the request of last year's participants, a fifth day has been added to include several European manufacturer's such as BMW, Volvo, Audi, and Volkswagen. Each daylong session is held at the manufacturers training facility and includes instruction and demonstrations provided by the manufacturer's training staff. Participants will have the opportunity for hands-on, new product training practice; group discussion; and networking. Learn from your colleagues, share lab/shop management tips, discuss teaching techniques for various units, and more. Leave with state-of-the-art information that you can use in your classrooms. Register for any single day(s) of the conference or all five days. Space is limited to the number easily accommodated by the training facilities, so register early!

Contact:

Lynne Bodman Hall, ASU
(480) 965-6596
lynne.hall@asu.edu

Michael "Mitch" Simmons, ASU
(480) 965-8463
michael.c.simmons@asu.edu

Registration deadline is May 13, 2003

April - June, 2003

Business Education Tour of High-Performing Businesses

June 3 & 4, 2003

Phoenix and Scottsdale

8:30 a.m. to 6:00 p.m.

Fee: \$50/includes materials and one lunch

Announcing an exciting professional development opportunity for Business Management and Administrative Services (BMAS) cohort members and those business teachers who will adopt the BMAS curriculum in the '03-'04 school year (NOI's). In June 2003, we are planning a customized visit to several high-performing Phoenix businesses including the Mayo Clinic Hospital, Nordstrom, and the Ritz Carlton to view the workplace environment. You and your colleagues will observe and learn how academic and employability skills are used at work sites. Discuss your observations, share ideas and develop teaching strategies that reflect workplace expectations and practices. All Tour participants will receive a stipend from the CTE Industry Update Program. Watch the mail for your personal invitation outlining all the specifics!

Contact:
Tammy Thompson, ASU
(480) 965-5689
tammy.thompson@asu.edu

Education Professions: Teacher Cadet Program Training

June 10, 11, & 12, 2003

Hampton Inn, Peoria

Sessions Times vary

Fee: \$200

This three-day workshop will focus on curriculum and teaching strategies for the Education Professions program.

This program targets students interested in pursuing a career in education. The curriculum was designed and developed by the South Carolina Center for Teacher Recruitment and is the model for numerous teacher cadet programs throughout the country. This training is mandatory for teachers who plan on receiving vocational funding for their Education Professions program. Each participant will receive extensive resource and curriculum materials.

Contact:
Judy Balogh, ASU
(480) 965-8458
jbalogh@asu.edu

Jan Brite, ADE
(602) 542-4365
jbrite@ade.az.gov

Registration deadline is May 1, 2003

Utilizing Tutorial Software in Individualized Instruction

June 23, 2003

Peoria High School, Phoenix

9:00 a.m. to 3:30 p.m.

Fee: \$50.00

This event will showcase software available to Industrial Technology educators for enhancing individualized instruction in a variety of areas. There also will be a presentation on *Classroom Strategies to Expand Options for All Students* that will focus on the issue of diversity within CTE IT programs in Arizona. Practices to increase diversity and non-traditional enrollment and completion rates within IT programs will be addressed as well.

Contact:
James Perey, U of A
(520) 621-7172
jperey@ag.arizona.edu

Agricultural Education Strategic Planning Conference

June 16 & 17, 2003

8:00 a.m. to 5:00 p.m.

June 18, 2003

8:00 a.m. to 12:00 p.m.

Yavapai Comm. College, Tucson
Fee: \$120

This conference hosted by Dr. Billye Foster, a coordinator for the Agricultural Education in the Year 2020 program, is designed to take an in-depth look at Agricultural Education programs in the state of Arizona and to develop a vision for the future. Participants will learn about current ideals and practices within Agricultural Education programs and tools for evaluating and assessing their local programs.

Contact:
James Perey, U of A
(520) 621-7172
jperey@ag.arizona.edu

New Teacher/Administrator Conference

June 18, 2003

1:00 p.m. to 4:00 p.m.

June 19, 2003

8:00 a.m. to 3:00 p.m.

Yavapai Comm. College, Tucson
Fee: \$55

Note: This was originally scheduled for March 21st and 22nd.

Join university professors and seasoned teachers in a series of activities designed to share ideas, discuss issues, and identify strategies to enhance the performance measures, reporting, and programmatic issues for Career and Technical Education. This conference will inform new administrators, counselors, and teachers and promises to revitalize the seasoned!

Contact:
James Perey, U of A
(520) 621-7172
jperey@ag.arizona.edu

Hospitality Teachers Summer Institute 2003

The Hospitality Teachers Forum provides a series of three workshops: Basic, Advanced and Mastery levels. Workshops are offered in the summer and provide 40 hours of instruction in a weeklong Monday-through-Friday format. Levels II and III focus on either food service or lodging and require an externship in addition to 40 hours of instruction.

These 40-hour hospitality industry workshops are the first and second steps toward a national Hospitality Business Alliance Certified High School Hospitality Educator designation. They are taught by professors from NAU and Scottsdale Community College (SCC) as well as industry professionals.

Externship Requirement

Educational Directors of Arizona's Restaurant and Hotel and Lodging Associations are available to help teachers find externship opportunities. Externship stipends of up to \$ 1,000 (for a maximum of 80 hrs.) are available from the Professional Development offices at each of the state universities (see the back page for details).

University Credit/FACS Ed Certification

Credit received for these workshops can be applied toward the credits required for the FACS subject knowledge Standard Certificate. Teachers experiencing difficulty in becoming FACS certified may find the program of value from that perspective in addition to the opportunity to learn valuable industry knowledge and exchange ideas with colleagues.

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Workshop Information

The **Level I** Basic Workshop is being offered the week of June 2 – 6 at the NAU Mountain Campus in Flagstaff. Level I provides a foundation of knowledge for culinary arts and food service management. The workshop is a combination of hands-on culinary experiences, classroom exercises, lectures, field trips and opportunities for teachers to share their experience and best practices from the classroom.

The **Level III** Mastery Workshop is being offered the week of June 9 – 13 at the NAU Mountain Campus in Flagstaff. Topics presented in Level II are considered at a higher level of performance and professional accomplishment. The Level III Workshop focuses on culinary arts and food service management. Topics are closely aligned with the ProStart curriculum.

Level I: Basic June 2-6, 2003

NAU/Mountain Campus
Flagstaff, AZ

Level III: Mastery June 9-13, 2003

NAU/Mountain Campus
Flagstaff, AZ

Registration: \$595* per level

*This fee includes all lunches and one dinner. Lodging is not included.

The Hospitality Business Alliance (HBA) provides professional development for high school teachers through a series of Summer Institutes as part of its national initiative, the High School Hospitality Teachers Forum. HBA is a joint venture of the National Restaurant Association (NRA) and the American Hotel and Lodging Association (AHLA) that was formed to provide industry-based curriculum and teacher training throughout the United States.

A consortium of postsecondary institutions was established by the HBA as an advisory group to the High School Hospitality Teachers' Forum. This consortium provides input into the professional development of high school teachers and helps conduct HBA Summer Institutes, enabling teachers to access local and distance learning experiences. Northern Arizona University's School of Hotel and Restaurant Management is HBA's Arizona partner.

HBA is an educational partnership of the National Restaurant Association and the American Hotel & Lodging Association formed to create a nationwide system of high school hospitality courses linked with mentored worksite experiences. HBA comprises state-driven hospitality partnerships throughout the country and exists as the national umbrella organization for hospitality school-to-career activities.
Contact:
Linda Hoops
Director of Academic Relations
HBA at (800) 765-2122x340

**Workshops are limited to 36 participants at Level I and 40 participants at Level III.
Registration will close April 30, 2003 or whenever registration reaches the cap.**

More information and registration forms are available on-line at www.learnovation.com - just click on the 'HBA Summer Institutes 2003' link at the bottom of the page. If you have any questions after visiting the website, please e-mail Paul Wiener at paul.wiener@nau.edu or phone him at (928) 523-9955.

Attention FFA Advisors and Business Teachers!

Join us for the following sessions at the 2003 FFA State Leadership Conference!

Lessons for Career and Technical Educators

June 5, 2003

UofA, Tucson

4:30 p.m. to 5:30 p.m.

Fee: None

This presentation will help audience members understand not only the background of Career and Technical Education, but also its implications for today's youth.

Contact:

James Perey, U of A
(520) 621-7172

jperey@ag.arizona.edu

Leadership Development between CTE and Business/Industry

June 6, 2003

UofA, Tucson

5:30 p.m. to 7:00 p.m.

Fee: \$35.00

This dinner and information session is designed to promote interaction between Career and Technical Education educators, alumni, university staff and business and industry representatives. The keynote address will focus on some of the major issues facing CTE with regard to forming business and industry partnerships.

Contact:

James Perey, U of A
(520) 621-7172

jperey@ag.arizona.edu

Frequently Asked Questions about BMAS

By: Janet M. Gandy, Ed. D., Business Education State Supervisor
Arizona Department of Education

jgandy@ade.az.gov

What is this new program?

Business Management and Administrative Services (BMAS) represents a set of skills and knowledge that businesses across industries have identified that students must have to succeed in the 21st century.

Where can I learn more about this new program?

The competencies and indicators can be downloaded from the Tech Prep website
www.aztechprep.org

Dr. Janet Gandy, State Supervisor for Business Education, is available to meet with business teachers in your districts, regions or statewide meetings. Email to: jgandy@ade.az.gov.

In 2002-2003, a cohort was formed of 16 schools where this curriculum is being taught. These teachers are a great resource for you. Contact Dr. Janet Gandy at jgandy@ade.az.gov.

Why should my district transition from Administrative Information Services to the Business Management and Administrative Services program?

This program provides the exploration, foundation, and occupational skills and knowledge needed by students as they transition to their careers. This is the only curriculum designated to provide your students with basic business principles. In addition, the Department of Education will no longer fund the AIS program that has served this purpose in the past.

The timeline for all schools in the state to make this transition follows:

2002-2003 – 25% of districts notify the Department of their intent to transition

2003-2004 – 50% of districts notify the Department of their intent to transition

2004-2005 – 75% of districts notify the Department of their intent to transition

2005-2006 – 100% of districts notify the Department of their intent to transition

When should I make this transition?

It is recommended that districts review the criteria for offering this program and assess each school's readiness. These criteria are identified on the Notification of Intent form and include community needs assessment, scope and size of enrollment to maintain the program, facility, vocationally certified faculty, coherent sequence of instruction, work-based experiences, local stakeholder support/involvement in implementation and evaluation of the program, student affiliation and access to FBLA or DECA, and approval of the district superintendent, school principal, and teacher.

How do I inform the Department of Education of my district's intent to transition?

April 1 of each year is the deadline date for the Department to receive a Notification of Intent (NOI) form from districts that want to start a new program the next school year. Submitting this form will result in a review of the criteria, an on-site review and technical assistance by the Business Education State Supervisor. The form is updated annually and can be found at www.ade.state.az.us/cte/whatsnew



ACTE of AZ Summer Conference

It will be here before you know it - the 28th Annual Association for Career and Technical Education of Arizona Conference, held every summer at the Loews Ventana Canyon Resort in Tucson. This year's conference is July 20-23, and the theme is *Arizona Career and Technical Education Leaves No Student Behind*. Whether this is your first time to attend the ACTE Conference or your 28th time, we promise that the experience will bring you lots of opportunities for fellowship, learning, and celebration. The following information is just a sample of the many wonderful workshop opportunities planned for this year's conference. Additional fees may apply in some cases so look for more information in the PREVIEW—the preconference overview and registration form—that was mailed out in April. A copy of this same information is available at www.ade.az.gov/cte/WhatsNew/default.asp.

Incorporating Leadership into the CTSO Monday, July 21, 2003, 10:00 a.m. - 11:45 a.m.

This workshop will present the Essential Learning Leadership Curriculum and focuses on improving technical assistance with Career and Technical Student Organizations.

Contact: James Perey, U of A, (520) 621-7172
jperey@ag.arizona.edu

Integrating Career and Technical Student Organizations (CTSO's) into the Classroom Tuesday, July 22, 2003, 1:30 p.m. to 3:00 p.m.

Learn how to develop the leadership potential of youth involved with Career and Technical Student Organizations through this interactive workshop. Emphasis will be on building student strengths and increasing awareness of challenges.

Contact: James Perey, U of A, (520) 621-7172,
jperey@ag.arizona.edu

Education Professions: Learn from the Experts Tuesday, July 22, 2003 10:00 a.m. - 12:00 p.m. & 1:30 p.m. - 3:00 p.m.

This two-part workshop will look at a variety of issues related to the new Education Professions program. Part I will feature three structured presentations while Part II will involve participants in round table discussions and sharing. Session topics will include useful information on student recruitment, the history of education in Arizona, career exploration, team building, portfolio creation and development, teaching a diverse population, field experience issues, dual enrollment concerns, student organizations, and much more.

Contact: Lynne Hall, ASU, (480) 965-6596
lynne.hall@asu.edu

Best Practices for Law, Public Safety & Security Programs Tuesday, July 22, 2003, 3:30 p.m. - 5:00 p.m.

This session will address issues relating to the growing field of Law, Public Safety, and Security programs throughout the state. Participants will learn useful information from teachers of well-established as well as fairly new law programs. All attendees will be encouraged to share their ideas on a variety of topics ranging from certification and credentialing to student development and retention. Discussion topics will be driven by audience participation.

Contact: Mitch Simmons, ASU, (480) 965-8463
michael.c.simmons@asu.edu

Improving Students' Academic and Technical Achievement by Improving Classroom Assessment Tuesday, July 22, 2003, 1:30 p.m. - 3:00 p.m.

The purpose of this session is to "blur the distinction between instruction and assessment." Doing so will have a powerful effect on your teaching, evaluation, and accountability. In this session, learn that one form of assessment is not necessarily better than another...that the type selected should be based on the purpose of the assessment and the knowledge and skills to be measured...that different assessment strategies promote different types of learning and provide different kinds of information.

Contact: Judy Balogh, ASU, (480) 965-8458
jbalogh@asu.edu

Recruitment and Retention of Special Populations Wednesday, July 23, 2003, 11:45 a.m. - 1:30 p.m.

This workshop, designed for CTE educators, will focus on recruiting and retaining special populations within Career and Technical education programs throughout Arizona.

Contact: James Perey, U of A, (520) 621-7172
jperey@ag.arizona.edu

PREVIEW Highlights



Biotechnology Workshop (Ag Ed Council PGS) **Wednesday, July 23, 2003, 1:30 p.m. to 5:30 p.m.**

This workshop is designed to help Agricultural Educators develop and reinforce skills in the area of biotechnology utilizing the National Agricultural Education Council curriculum. The skills developed are directly transferable to classroom instruction.

Contact: James Perey, UofA, (520) 621-7172
jperey@ag.arizona.edu

Ag Mechanics Curriculum Update **Thursday, July 24, 2003, 8:00 a.m. to 12:00 p.m.**

This workshop will focus on current state and national agricultural mechanic skills and competencies taught in secondary schools. The workshop will also include a session on teacher planning that will develop new skills for teachers to utilize in their classes.

Contact: James Perey, UofA, (520) 621-7172
jperey@ag.arizona.edu

NEW CURRICULUM ROLLOUTS

Implementing the New Construction Technology Curriculum **July 21, 2003, 3:30 p.m. - 5:00 p.m.**

The new Construction Technology curriculum will be outlined for all secondary Construction Technology Teachers. Participants will be introduced to the new state-designated competencies. Chester Crandell and the curriculum project director have been invited to present the Construction Technology competencies. This informative workshop will provide you an opportunity to discuss program design and implementation and to network with other teachers in the field who will be delivering this new curriculum.

Implementing the New Precision Metal Working Curriculum **July 21, 2003, 1:30 p.m. - 4:00 p.m.**

The new Precision Metal Working curriculum will be outlined for all secondary Precision Metal Working Teachers (Welding Technology and Machining Technology). Specifically, participants will be introduced to the new state-designated competencies. Sam Colton from Arizona Western College will present the Welding Technology competencies and George Keene has been invited to present the Machine Technology competencies. This informative workshop will provide you an opportunity to discuss program design and implementation and to network with other teachers in the field who will be delivering this new curriculum.

Implementing the New Graphics and Visual Communications Curriculum **July 22, 2003, 1:30 p.m. - 3:00 p.m.**

The new Graphics and Visual Communications curriculum will be outlined for all secondary Graphics and Visual Communications Teachers. Participants will be introduced to the new state-designated competencies. Michael Halfmann and the curriculum project director have been invited to present the Graphics and Visual Communications competencies. This informative workshop will provide you an opportunity to discuss program design and implementation and to network with other teachers in the field who will be delivering this new curriculum.

Implementing the New Electronics Curriculum **July 23, 2003, 10:00 a.m. - 11:30 a.m.**

The new Electronics curriculum will be outlined for all secondary Electronics Teachers. Participants will be introduced to the new state-designated competencies. Representatives from industry and the curriculum project director have been invited to present the new Electronics competencies. This informative workshop will provide you an opportunity to discuss program design and implementation and to network with other teachers in the field who will be delivering this new curriculum.

For more information regarding
the Summer Conference
Curriculum Rollouts, contact:

Michael "Mitch" Simmons, ASU
(480) 965-8463
michael.c.simmons@asu.edu

More PREVIEW Highlights!

PRE-CONFERENCE WORKSHOPS

Arizona Career and Tech Ed: Back to Basics/New Administrators Workshop **Saturday, July 19, 2003, 9:00 a.m. - 4:00 p.m.**

Pre-Registration Required. Registration Fee is \$40 and Includes Continental Breakfast and Lunch

The Arizona Department of Education Career and Technical Education Division is pleased to present this one-day workshop designed to provide a comprehensive overview of Arizona Career and Technical Education from the past to the present. Workshop participants will be provided with a "Back to the Basics" foundational knowledge base from which they will be able to see the "Big Picture" and gain insight into the operational aspects of CTE in Arizona. The workshop is not designed for in-depth discussion but rather to provide an overview and understanding of all major components of CTE including:

- .. Arizona CTE Programs Administration Overview
- .. Funding for Your CTE Programs
- .. CTE Programs/Programmatic Issues
- .. CTE Program Accountability
- .. Data Reporting Requirements Overview
- .. Resources and Tools for Your Success

This workshop will serve as the basis from which additional in-depth workshops will be developed throughout the year including workshops following the Local Directors Meetings each month which will debut in September.

All workshop participants will receive an inaugural copy of the CTE Administrators Resource Guide for use in administering their local CTE Programs.

Contact: Maury Montoya, ADE, (602) 542-5315
mmontoy@ade.az.gov

Health & Community Services: Explore the Adventure!! **Sunday, July 20, 2003, 8:30 a.m. - 4:00 p.m.**

Pre-Registration Required. Registration Fee is \$40.

This daylong comprehensive workshop has been especially designed to meet the needs of teachers new to Health & Community Services Education Programs and for those wanting to "retool". Session presentations will include information on the Teacher Survival Kit, contextual learning writing effective lesson plans, Skills USA/VICA, upcoming professional development activities, and much more. As a participant, you will receive numerous useful materials/resources that will leave you well-equipped to start your 2003-2004 'adventure'!

Contact: Mitch Simmons, ASU, (480) 965-8463
michael.c.simmons@asu.edu

New Business Teachers' Workshop **Sunday, July 20, 2003, 9:00 a.m. to 4:00 p.m.**

Pre-Registration Required. Registration Fee is \$100 and includes lunch and workshop materials.

New and not-so-new Business educators are encouraged to attend this day-long workshop, which has been designed especially for them. This informative, fast-paced and fun workshop will include presentations by leading AZ Business educators. The workshop will provide Business educators with resources and networks for getting started and achieving effective teaching and learning.

Contact: Tammy Thompson, ASU, (480) 965-5689
tammy.thompson@asu.edu

CTE Degree Programs / 2002-2003 NETSAVE Update

NORTHERN ARIZONA UNIVERSITY Career & Technical Education Programs Summer Registration began March 16, 2003

Bachelors of Science in Education, CTE

Business Education
Technology Education
FACS Education (coming summer 2003)
Industrial Technology (coming summer 2003)
Occupational Education

Masters in Education, CTE

Teaching Emphasis
Administration Emphasis
Educational Technology Emphasis

To register for courses you must be an admitted student (degree seeking or non-degree seeking).
Register and pay for courses NOW online at www.nau.edu/louie

Standard Delivery Courses

CTE 561 - Facility Design
Meets: June 3 - July 2, 2003

CTE 599 - Developing Ed. Web Resources
Meets: July 7 - July 18, 2003 / 1:00 - 5:00 pm

CTE 550 - Grant Writing
Meets: July 7 - July 18, 2003 / 8:00 am - Noon

Web Based Courses

CTE 692 - Instructional Mgt for CTE
Meets: July 7 - August 6, 2003

Contact:
Nicole Snow
Assistant Professor, NAU
(928) 523-2560
Nicole.Snow@nau.edu

2002/2003 NETSAVE Program

by Tim Wernette, PHASE/UA

For more information about the NETSAVE Program and to obtain an application for the 2003/2004 school year, contact:

Tim Wernette, PHASE/UA
1230 N. Park Avenue, #209
(520) 621-5008 (phone)
(520) 621-3952 (fax)
wernette@email.arizona.edu

NETSAVE (Nontraditional Emerging Technologies for Successful Academic and Vocational Education) is Arizona's statewide program for the support and recruitment of nontraditional vocational education students.

The 2002-2003 academic year is the fourth year of this successful program. Each school team, consisting of a vocational teacher and a counselor, receives a \$1500 stipend to create a NETSAVE Program at their school. NETSAVE teams create a nontraditional vocational student support group/club, provide each participating student with a vocational education and employment plan, and choose from a variety of on-campus and off-campus activities to help their students explore nontraditional careers and education/training.

This year's participating schools include Alchesay, Chandler, Coconino, Holbrook, Joseph City, Prescott, Saguaro (Scottsdale), Sahuarita, and Sandra Day O'Connor High Schools, EVIT, Maricopa Secondary School, and Queen Creek Middle School. These schools welcome you to contact them regarding their specific NETSAVE Programs.

A new NETSAVE website, www.ag.arizona.edu/fcs/phase/netsave.htm, has been created by PHASE that includes links to nontraditional and equity sites, information about the NETSAVE Program, the NETSAVE Network Newsletter, and free nontraditional/equity resources available on loan from the NETSAVE library at PHASE. All Career & Technical Education local directors, teachers, and counselors are encouraged to visit our website and use our resources even if your school is not enrolled in the NETSAVE Program.

2002-2003 CTE INDUSTRY UPDATE PROGRAM

AVAILABLE TO: Middle/Junior High/High School Teachers, Counselors & Administrators working with Arizona's Levels I, II & III programs

TIME PERIOD: Between October 1, 2002, and September 30, 2003

STIPEND: **Industry Tour** - \$250/maximum of 5 days or \$50/day; **Job Shadow** - \$350/maximum of 5 days or \$70/day; **Externship** - \$500/minimum of 40hrs and \$1000/maximum of 80hrs.

All three universities will work with CTE educators interested in planning and securing an Externship, Industry Tour, or Job Shadow Experience. Contact ASU, NAU or U of A to discuss specifics or to obtain an application. Return it to one of the University Program Coordinators.

Tammy Thompson, Program Coordinator
ASU - Office for Workforce Education & Development
(480) 965-2952
tammy.thompson@asu.edu

Teresa Noon, Co-coordinator of Prof. Development
U of A - Dept. of Agricultural Education
(520) 621-7164
nteresa@ag.arizona.edu

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